

201265



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**RB T101308-1**  
**Job Sheet 201265**



Part No: RB T101308-1

Job Qty: 7 pcs

Part Name: Jack Screw



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/30/19

Job Tracking No:

Due Date: 10/23/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RB T101308 Rev A IPP Rev. A 19.07.03 New issue DP Verify DD

Ship Via:

## Bill of Materials

## Job Routing

| Op<br>No | Operation  | Qty   | Start Date | Due<br>Date | Standard     |            | Workcenter/Supplier   |           | Sign-off             |
|----------|------------|-------|------------|-------------|--------------|------------|-----------------------|-----------|----------------------|
|          |            |       |            |             | Setup<br>Hrs | Run<br>Hrs | Workcenter / Supplier | Lead Time |                      |
| 100      | SL-154 - 1 | 7 pcs | 10/23/19   | 10/23/19    | 1.00         | 1.40       | SL-154 - 1            |           | <i>M.L. 19/10/19</i> |
| 110      | QC 2       | 7 pcs | 10/23/19   | 10/23/19    | 0.00         | 0.00       | QC 2 - 1              |           |                      |
|          |            |       |            |             |              |            | QC 2 - 12             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 14             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 17             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 19             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 2              |           |                      |
|          |            |       |            |             |              |            | QC 2 - 20             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 22             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 23             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 25             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 32             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 33             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 35             |           | <i>M.L. 19/10/19</i> |
|          |            |       |            |             |              |            | QC 2 - 39             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 4              |           |                      |
|          |            |       |            |             |              |            | QC 2 - 40             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 44             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 45             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 48             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 49             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 50             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 51             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 52             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 57             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 62             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 63             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 8              |           |                      |
|          |            |       |            |             |              |            | QC 2 - 66             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 64             |           |                      |
|          |            |       |            |             |              |            | QC 2 - 65             |           |                      |



Container No: S220977



Part: RB T101308-1

Job No: 201265

Serial No/Batch: S220977

Revision: A

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaero.com

Date: 10/08/19

|                                   |       |          |           |                        |               |
|-----------------------------------|-------|----------|-----------|------------------------|---------------|
| 120 QC 8                          | 7 pcs | 10/23/19 | 0.00 0.00 | QC 2 - 5               |               |
|                                   |       |          |           | QC 2 - 71              |               |
|                                   |       |          |           | QC 2 - 73              |               |
|                                   |       |          |           | QC 2 - 69              |               |
|                                   |       |          |           | QC 8 - 12              |               |
|                                   |       |          |           | QC 8 - 14              |               |
|                                   |       |          |           | QC 8 - 17              |               |
|                                   |       |          |           | QC 8 - 20              |               |
|                                   |       |          |           | QC 8 - 25              |               |
|                                   |       |          |           | QC 8 - 3               |               |
|                                   |       |          |           | QC 8 - 32              |               |
|                                   |       |          |           | QC 8 - 33              |               |
|                                   |       |          |           | QC 8 - 35              |               |
|                                   |       |          |           | QC 8 - 39              |               |
|                                   |       |          |           | QC 8 - 4               |               |
|                                   |       |          |           | QC 8 - 44              |               |
|                                   |       |          |           | QC 8 - 45              |               |
|                                   |       |          |           | QC 8 - 49              |               |
|                                   |       |          |           | QC 8 - 58              |               |
|                                   |       |          |           | QC 8 - 8               | Done 19-10-10 |
|                                   |       |          |           | QC 8 - 9               |               |
|                                   |       |          |           | QC 8 - 68              |               |
|                                   |       |          |           | QC 8 - 67              |               |
|                                   |       |          |           | QC 8 - 1 (A)           |               |
|                                   |       |          |           | QC 8 - 47              |               |
|                                   |       |          |           | QC 8 - 40              |               |
|                                   |       |          |           | QC 8 - 52              |               |
|                                   |       |          |           | QC 8 - 23              |               |
|                                   |       |          |           | QC 8 - 57              |               |
|                                   |       |          |           | QC 8 - 76              |               |
|                                   |       |          |           | QC 8 - 61              |               |
| 130 Outsource - 12 - Black Oxide  | 7 pcs | 10/23/19 |           | GRO002-VC              | 19-10-16      |
| 140 Packaging 2-1 - Receive - B4B | 7 pcs | 10/23/19 | 0.00 0.00 | Packaging 2 - 1 - B4B  |               |
|                                   |       |          |           | Packaging 2 - 2 - B4B  |               |
|                                   |       |          |           | Packaging 2 - 3 - B4B  |               |
|                                   |       |          |           | Packaging 2 - 5 - B4B  |               |
|                                   |       |          |           | Packaging 2 - 4 - B4B  |               |
|                                   |       |          |           | Packaging 2 - 6 - B4B  |               |
|                                   |       |          |           | Packaging 2 - 7 - B4B  |               |
|                                   |       |          |           | Packaging 2 - 8 - B4B  |               |
|                                   |       |          |           | Packaging 2 - 9 - B4B  |               |
|                                   |       |          |           | Packaging 2 - 10 - B4B |               |
|                                   |       |          |           | Packaging 2 - 11 - B4B |               |
|                                   |       |          |           | Packaging 2 - 12 - B4B |               |
|                                   |       |          |           | Packaging 2 - 13 - B4B |               |
|                                   |       |          |           | Packaging 2 - 14 - B4B |               |
|                                   |       |          |           | Packaging 2 - 15 - B4B |               |
|                                   |       |          |           | Packaging 2 - 16 - B4B |               |
|                                   |       |          |           | Packaging 2 - 17 - B4B |               |
|                                   |       |          |           | Packaging 2 - 18 - B4B |               |
|                                   |       |          |           | Packaging 2 - 19 - B4B |               |
|                                   |       |          |           | Packaging 2 - 20 - B4B |               |
|                                   |       |          |           | Packaging 2 - 21 - B4B |               |
|                                   |       |          |           | Packaging 2 - 22 - B4B |               |
|                                   |       |          |           | Packaging 2 - 23 - B4B |               |
|                                   |       |          |           | Packaging 2 - 24 - B4B |               |
|                                   |       |          |           | Packaging 2 - 25 - B4B |               |
|                                   |       |          |           | Packaging 2 - 26 - B4B |               |
| 150 QC 6                          | 7 pcs | 10/23/19 | 0.00 0.00 | QC 6 - 9               |               |

9/30/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

|                                       |          |           |  |                        |  |                   |
|---------------------------------------|----------|-----------|--|------------------------|--|-------------------|
|                                       |          |           |  | QC 6 - 68              |  | DAS<br>40<br>9-89 |
|                                       |          |           |  | QC 6 - 61              |  |                   |
|                                       |          |           |  | QC 6 - 40              |  |                   |
|                                       |          |           |  | QC 6 - 81              |  |                   |
| 160 Packaging 3-1 - Stock - B4B 7 pcs | 10/23/19 | 0.00 0.00 |  | Packaging 3 - 1 - B4B  |  | DAS<br>28<br>9-89 |
|                                       |          |           |  | Packaging 3 - 2 - B4B  |  |                   |
|                                       |          |           |  | Packaging 3 - 3 - B4B  |  |                   |
|                                       |          |           |  | Packaging 3 - 4 - B4B  |  |                   |
|                                       |          |           |  | Packaging 3 - 5 - B4B  |  |                   |
|                                       |          |           |  | Packaging 3 - 6 - B4B  |  |                   |
|                                       |          |           |  | Packaging 3 - 7 - B4B  |  |                   |
|                                       |          |           |  | Packaging 3 - 8 - B4B  |  |                   |
|                                       |          |           |  | Packaging 3 - 9 - B4B  |  |                   |
|                                       |          |           |  | Packaging 3 - 10 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 11 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 12 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 13 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 14 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 15 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 16 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 17 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 18 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 19 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 20 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 21 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 22 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 23 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 24 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 25 - B4B |  |                   |
|                                       |          |           |  | Packaging 3 - 26 - B4B |  |                   |
| 170 QC 21 - SA 7 pcs                  | 10/23/19 | 0.00 0.00 |  | QC 21 - SA - 21        |  | DAS<br>21<br>9-89 |
|                                       |          |           |  | QC 21 - SA - 70        |  |                   |
|                                       |          |           |  | QC 21 - SA - 53        |  |                   |

Part Op 100 - 1-Machine as per folio FC877 FOLIO REV: AA DWG REV: A 2-Deburr  
 Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB  
 120 - QC8- Inspect parts - second check  
 130 - Issue P/O: 4477 -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required  
 140 - (Receive & Inspect for Damage & Mat'l Certs) Certificate of Conformity is required  
 150 - QC6- All purchased or subcontracted products  
 160 - Identify as per dwg & Stock Location: \_\_\_\_\_  
 170 - QC21- Final Inspection - Work Order Release

## Job BOM

| Part / Item      | Component Name                                            | Quantity           | Operation      | Container      |
|------------------|-----------------------------------------------------------|--------------------|----------------|----------------|
| MT-4140QT-R0.625 | AISI 4140 Quenched & Tempered Steel Round Bar 0.625" Dia. | 2.5200 ft (.36 ea) | 100-SL-154 - 1 | <u>5152324</u> |

## Job Allocations

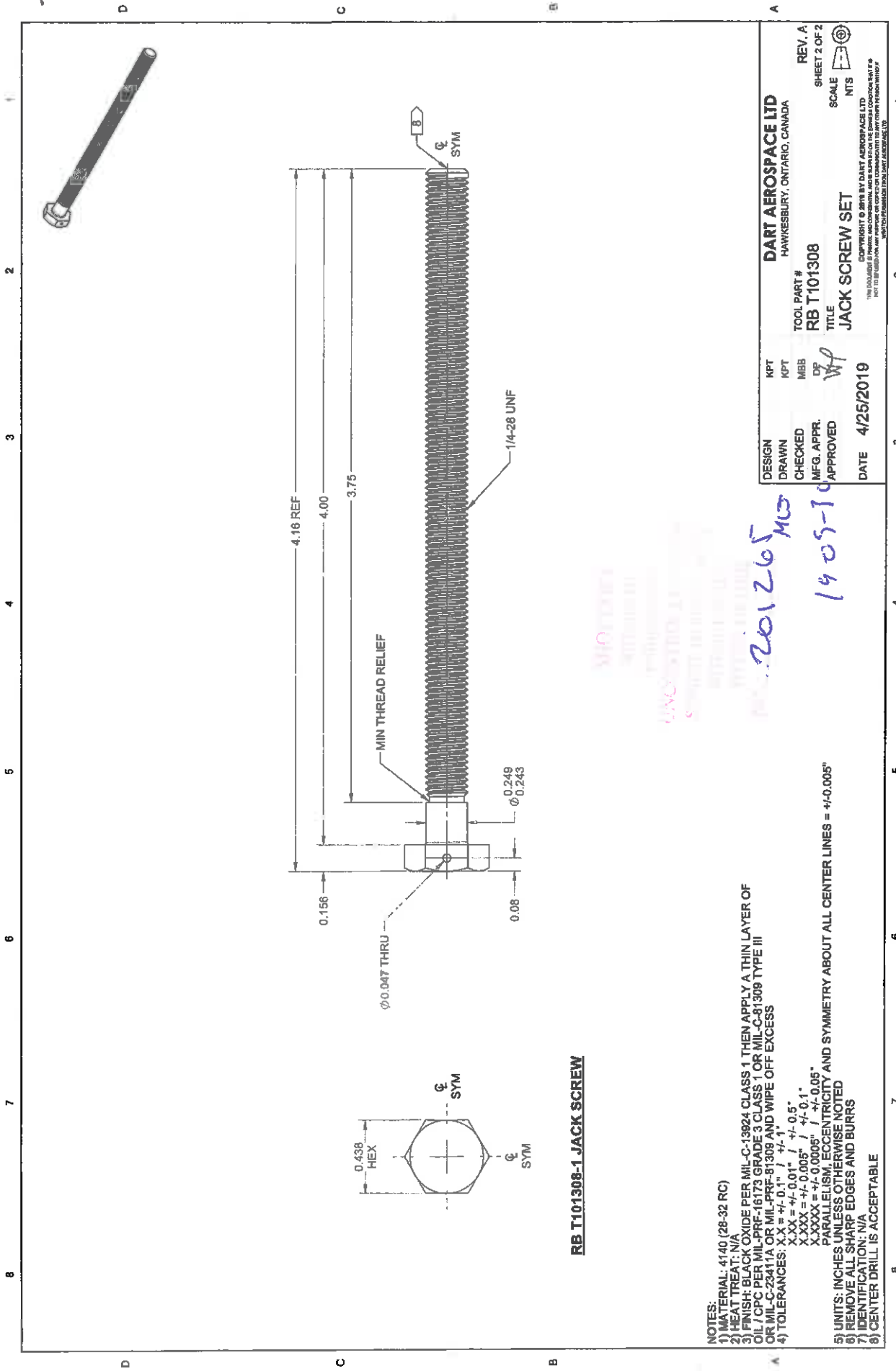
| Operation      | Component Part   | Required | Inventory | Allocated |
|----------------|------------------|----------|-----------|-----------|
| 100-SL-154 - 1 | MT-4140QT-R0.625 | 3        | 97        | 0         |

## Part Specifications

Specifications could not be found.

Plex 9/30/19 10:21 AM Dart.lajeunesse.marie





**RB T101308-1 JACK SCREW**

- NOTES:
- 1) MATERIAL: 4140 (28-32 RC)
  - 2) HEAT TREAT: N/A
  - 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81308 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
  - 4) TOLERANCES: X.X =  $\pm 0.1"$  /  $\pm 1^\circ$   
X.XX =  $\pm 0.01"$  /  $\pm 0.5^\circ$   
X.XXX =  $\pm 0.005"$  /  $\pm 0.1^\circ$   
X.XXXX =  $\pm 0.0005"$  /  $\pm 0.05^\circ$   
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES =  $\pm 0.005"$
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) REMOVE ALL SHARP EDGES AND BURRS
  - 7) IDENTIFICATION: N/A
  - 8) CENTER DRILL IS ACCEPTABLE

|            |           |                                                                                                                                                                                                 |
|------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DESIGN     | KPT       | DART AEROSPACE LTD                                                                                                                                                                              |
| DRAWN      | KPT       | HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                     |
| CHECKED    | MBB       | REV. A                                                                                                                                                                                          |
| MFG. APPR. | DP        | SHEET 2 OF 2                                                                                                                                                                                    |
| APPROVED   | WPT       | SCALE NTS                                                                                                                                                                                       |
| DATE       | 4/25/2019 | TITLE                                                                                                                                                                                           |
|            |           | RB T101308                                                                                                                                                                                      |
|            |           | JACK SCREW SET                                                                                                                                                                                  |
|            |           | COPYRIGHT © 2019 BY DART AEROSPACE LTD.                                                                                                                                                         |
|            |           | THIS DOCUMENT IS FRANKLY AND CONSERVATIVELY AND IS SUPPLIED AS THE DART AEROSPACE LTD'S BEST EFFORTS TO PROVIDE INFORMATION AND NOT AS A GUARANTEE OF PERFORMANCE OR AS A WARRANTY OF ANY KIND. |

Date:

## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No.

Route update only



|                                  |             |                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |
|----------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Job: _____<br>Part No. _____     |             | <b>DISPOSITION</b><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> |  | <b>DEPARTMENT/PROCESS</b><br>Skid-tube <input type="checkbox"/> Cross tube <input type="checkbox"/> Eng. (Non-AW) <input type="checkbox"/> Engineering <input type="checkbox"/><br>Machining <input type="checkbox"/> Small Fab <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Water Jet <input type="checkbox"/><br>Large Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/> |  |  |  |
| Date :                           | Sequence #: | QTY Affected :                                                                                                                |  | MRB (QS1042)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
| Description Work Order Deviation |             | Disposition                                                                                                                   |  | Completed By                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
|                                  |             |                                                                                                                               |  | Lead hand / Supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
|                                  |             |                                                                                                                               |  | QC / QA Coordinator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |

|                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |  |  |  |  |  |  |  |  |                 |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--|--|--|--|--|--|--|--|-----------------|---------------|------------------|------------------|---------|-----------------------|---------------|-------------------|----------|-----------|-----------------|---------|--------|----------------------|------|--------|------------------------------|---------------------------------|--------------------|-------------------|---------------|-------------|-----------------|---------|------------|--------------|----------------|--|
| <b>Root Cause</b><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |                                 | <b>FAULT CATEGORY</b><br><table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table> |                   |  |  |  |  |  |  |  |  | Pressure/Forced | Contamination | Power Loss/Surge | Positioned Wrong | Bending | Misaligned/off center | Folio/Program | Outside Tolerance | Crushing | BOM/Route | Grain Direction | Drawing | Cracks | Broken/Damage/Defect | Weld | Finish | Crimp/Kink/Ripple/Wave/Twist | Incomplete/Unclear Instructions | Wrong Stock Pulled | Part Lost/Missing | Marks/Chatter | Drill Holes | Out of Sequence | Misread | Mislabeled | Fit/Function | Off-set/Set-up |  |
| Pressure/Forced                                                                                                                                                                                                                                                                                                                                                                     | Contamination                   | Power Loss/Surge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Positioned Wrong  |  |  |  |  |  |  |  |  |                 |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Bending                                                                                                                                                                                                                                                                                                                                                                             | Misaligned/off center           | Folio/Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Outside Tolerance |  |  |  |  |  |  |  |  |                 |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Crushing                                                                                                                                                                                                                                                                                                                                                                            | BOM/Route                       | Grain Direction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drawing           |  |  |  |  |  |  |  |  |                 |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Cracks                                                                                                                                                                                                                                                                                                                                                                              | Broken/Damage/Defect            | Weld                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Finish            |  |  |  |  |  |  |  |  |                 |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Crimp/Kink/Ripple/Wave/Twist                                                                                                                                                                                                                                                                                                                                                        | Incomplete/Unclear Instructions | Wrong Stock Pulled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Part Lost/Missing |  |  |  |  |  |  |  |  |                 |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Marks/Chatter                                                                                                                                                                                                                                                                                                                                                                       | Drill Holes                     | Out of Sequence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Misread           |  |  |  |  |  |  |  |  |                 |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Mislabeled                                                                                                                                                                                                                                                                                                                                                                          | Fit/Function                    | Off-set/Set-up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |  |  |  |  |  |  |  |  |                 |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |                                 | Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |  |  |  |  |  |  |  |  |                 |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER POHB044777



**Supplier:** GRO002-VC  
Group Altech  
2455 Halpern  
St Laurent  
QC  
H4S 1N9 Canada  
Phone: 514-335-3666  
Fax: 514-335-3868

**Attention:** Grenon, Sylvie

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** POHB044777  
**PO Date:** 10/15/19  
**Due Date:** 10/23/19  
**Purchase Order Revision:**  
**Revision Date:**  
**Ship-To Contact:** Guerin, Kimberley  
Phone: 613-632-5200 Ext: 298  
kguerin@dartaero.com

**Via:** Ground  
**Pymt Terms:** Net 60

**Freight Terms:**  
**Special Comments:**



## Items

| Line Item | Job    | Part                | Drawing                | Description                                                                                                                                                                                                                                                                             | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------|---------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 1         | 201265 | RB T101308-1        | RB T101308 RevA        | Jack Screw<br>-Issue P/O:<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MIL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Material type; 4140<br>-Certificate of Conformity is required | Firmed | -       | 10/23/19 | 7 pcs          | 0 pcs             | 7 pcs   | \$0.89/pcs       | \$6.23         |
| 2         | 200271 | RBE350A94-3700-A-01 | RBE350A94-3700-A Rev 7 | Tube<br>-Issue P/O to Groupe Altech<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Certificate of Conformity is required                                                                                                                                                              | Firmed | -       | 10/23/19 | 42 pcs         | 0 pcs             | 42 pcs  | \$3.87/pcs       | \$162.54       |
| 3         | 201169 | RBT18520-9          | RBT18520 Rev Q         | Extension<br>-Issue P/O to Groupe Altech; PO<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Certificate of Conformity is required                                                                                                                                                     | Firmed | -       | 10/23/19 | 4 pcs          | 0 pcs             | 4 pcs   | \$4.35/pcs       | \$17.40        |



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **POHB044777**



## **Items**

| Line Item | Job    | Part      | Drawing          | Description                                                                                                                                                                                                                                                                                                                                                                               | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------|-----------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 4         | 196882 | RB6796941 | RB6796941 Rev 11 | Seals Replacement, Accessories Gear Box<br>-Issue P/O;<br><br>***parts are to be stripped first***<br><br>-Black oxide finish, MIL-C-13924C Class 1<br><br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br><br>-Material type 1144 stress proof<br>-Certificate of Conformity is required | Firmed | -       | 10/23/19 | 2 pcs          | 0 pcs             | 2 pcs   | \$120.00/pcs     | \$240.00       |

W/O 196882  
is with  
Steven Drouin

Line Item Note RB6796941-17 x 2 pcs  
RB6796941-18 x 2 pcs  
sent for re-work

Grand Total: \$426.17

## **Order Notes**

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)

A022 Apical Processing  
A024 process certifications  
A026 certification of material conformance

A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 10/21/19 12:58 PM Dart.Guerin.Kimberley





# Certificat de Conformité / Certificate of Compliance

(023281-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9  
 Tel: 514-335-3666 Fax: 514-335-3868  
 www.groupealtech.com

## Bon de Livraison / Packing Slip

**023281 - 1**

Livré à / Ship to

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 BUYER:

| Date expédition<br>Ship date |                                                                            | Créé Par<br>Generated By                                                                                                                                                                                                            | Transport / No de Compte<br>Courier / Acc. No. | Bon de commande Client<br>Customer Purchase Order No. |                 |                   |               |                         |
|------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|-----------------|-------------------|---------------|-------------------------|
| 24-Oct-2019                  |                                                                            | Jigar Patel                                                                                                                                                                                                                         |                                                | <b>POHB044777</b>                                     |                 |                   |               |                         |
| #Ligne<br>Line#              | No. de Série / # Pièce<br>Part Number / Line Item Details<br>Job # / Ref # | Description pièce(s)                                                                                                                                                                                                                | CATG.<br>U/M                                   | Comm.<br>/Ordered                                     | Exp/<br>Shipped | Qté NC/<br>NC Qty | Qté<br>Scrap/ | À venir /<br>Back Order |
| 1                            | RBT101308-1<br>Rev.A                                                       | RB T101308<br>01-OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL/CPC<br>PER MIL-PRF-16173 GRADE 3 CLASS 1 OR<br>MIL -C-81309 TYPE 3 OR<br>MIL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS | OXIDE-BLACK<br>CH                              | 7                                                     | 7               | 0                 | 0             | 0                       |
| 2                            | RBE350A94-3700-A-01<br>Rev.7                                               | RBE350A94-3700-A<br>01-OXIDE BLACK [OXIDE BLACK]<br>MIL-C-13924C CLASS 1                                                                                                                                                            | BLACK-OXIDE<br>CH                              | 42                                                    | 42              | 0                 | 0             | 0                       |
| 3                            | RBT18520-9<br>Rev.Q                                                        | RBT18520<br>01-OXIDE BLACK [OXIDE BLACK]<br>MIL-C-13924C<br>CLASS 1                                                                                                                                                                 | OXIDE-BLACK<br>CH                              | 4                                                     | 4               | 0                 | 0             | 0                       |

**RECEIVED**  
 OCT 24 2019  
 DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle  
Actual Thickness

Inspecteur Qualité  
Quality Inspector

Réçu par  
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.  
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.  
 Our financial and legal responsibility will not be higher than the amount of invoice.